

NOTES:

1. SUBSTRATE MATERIAL:  
FUSED SILICA

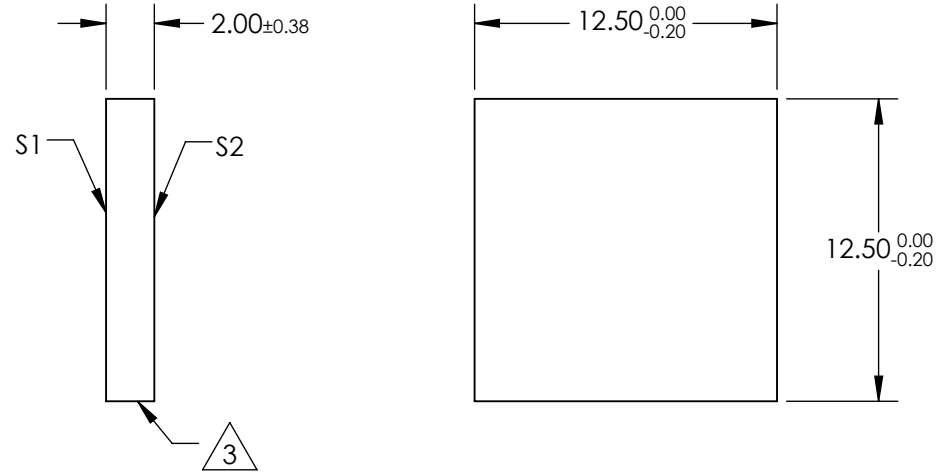
2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: R(abs)= 50% ±5% @ 350nm, 45° AOI  
R(avg)= 50% ±10% OVER 250 - 450nm  
T(abs)= 50% ±5% @ 350nm, 45° AOI  
T(avg)= 50% ±10% OVER 250 - 450nm, 45° AOI

S2:  
BBAR (R(avg) <1%, R(abs) <2% OVER 250 - 450nm), 45° AOI

3. EDGES FINE GROUND

4. ROHS COMPLIANT



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE	10.625 x 10.625	10.625 x 10.625
SURFACE QUALITY	60-40	60-40
SURFACE FLATNESS	1λ	1λ
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN

mm

**EO**® Edmund Optics®

TITLE

12.5 x 12.5mm, 50R/50T, UV PLATE  
BEAMSPLITTER

DWG NO

48189

SHEET  
1 OF 1